FDA COMPLIANT MID-BLUE
VITON RUBBER

All ingredients used in the making of our FDA compliant mid-blue Viton rubber are listed on the FDA whitelist as described in the FDA Code of Federal Regulations, Title 21. Section 177. 2600.

Our finished sheet and cord materials have been tested by SGS International and are certified as meeting the migration values (extraction levels) as set out in FDA regulations, Title 21. Section 177. 2600 “Rubber Articles Intended for Repeated Use”.

Compliant to European Regulations framework EC1935:2004 “Materials intended to come into contact with food”, and manufactured under Best Manufacturing Practice in accordance with EC2023:2006.

Colour: Mid-blue
FKM type: ‘A’ Type Di-Polymer – 66% Fluorine Content
Hardness: 64° Shore A (+/- 5°) using test method ASTM D2240
Specific Gravity: 2.02 g/cm³
Tensile Strength: 14Mpa using test method ASTMD412
Elongation @ Break: 250% using test method ASTMD412
Compression Set 22hrs @200°C: 18% using ASTM D395 Method ‘B’
Working Temperature: -10°C to +250°C
DECLARATION

We hereby declare that all of the ingredients in the rubber are compliant to the whitelist of the FDA. This material meets the migration values of U.S. FDA 21 CFR 177.2600 regulations.

TEST REPORT

Independent testing carried out 18th June 2015 by SGS-CSTC Standards Technical Services Co. Ltd. See relevant portions below.

TEST REPORT No. SHAEC1511783904 DATE: 25 JUN 2015

Date of Sample Received: 18th June 2015
Testing period: 18th June 2015 to 25th June 2015
Test requested: Selected test(s) as requested by client.
Test method: See below
Test results: See below

Results summary:

Test Requested Conclusion
FDA 21 CFR 177.2600 – Total extractives PASS

Approved Signatory

Mary Ma
Test Results:

Test Part Description:

Specimen No.  SGS Sample ID  Description                     Material (claimed by client)

SN1        SHA15-117839.002    Mid blue solid sheet    Rubber

FDA 21 CFR 177.2600 – Total extractives

Test requested:  As specified by client, to determine the amount of total extractives from rubber articles intended for repeated use for compliance with Food and Drug Administration Regulations.

Test method:      With reference to FDA 21 CFR 177.2600

<table>
<thead>
<tr>
<th>Simulant Used</th>
<th>Time</th>
<th>Temperature</th>
<th>Max. Permissible Limit</th>
<th>Result of 002 Total Extractives</th>
<th>Conclusion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distilled water</td>
<td>7.0hr(s)</td>
<td>Reflux temperature</td>
<td>20mg/inch²</td>
<td>&lt;0.5mg/inch²</td>
<td>PASS</td>
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<tr>
<td>Succeeding extraction n-Hexane</td>
<td>2.0hr(s)</td>
<td>Reflux temperature</td>
<td>1mg/inch²</td>
<td>&lt;0.5mg/inch²</td>
<td>PASS</td>
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<td></td>
<td>7.0hr(s)</td>
<td>Reflux temperature</td>
<td>175mg/inch²</td>
<td>&lt;0.5mg/inch²</td>
<td>PASS</td>
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<tr>
<td>Succeeding extraction</td>
<td>2.0hr(s)</td>
<td>Reflux temperature</td>
<td>4mg/inch²</td>
<td>&lt;0.5mg/inch²</td>
<td>PASS</td>
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